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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Complete if Known

Application Number	10/549,948
Filing Date	09/20/2005
First Named Inventor	WATCHORN, Michael J.
Art Unit	3672
Examiner Name	SINGH, Sunil
Attorney Docket Number	TEBL4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	us- 233,159	10/12/1880	Mooney	
	2	us- 259,685	06/20/1882	Haven et al.	
	3	us- 555,542	03/03/1896	Throop	
	4	us- 1,759,105	05/20/1930	Evans	
	5	us- 3,004,391	10/17/1961	Miller	
	6	us- 3,008,158	11/14/1961	Stinson	
	7	us- 3,216,639	11/09/1965	Castela	
	8	us- 3,372,849	03/12/1968	Hall et al.	
	9	us- 3,589,580	06/29/1971	Smulders	
	10	us- 3,638,288	02/01/1972	Pryor	
	11	us- 3,692,144	09/19/1972	Summer et al.	
	12	us- 3,716,994	02/20/1973	Pogonowski	
	13	us- 3,739,971	06/19/1973	Silvestri et al.	
	14	us- 3,747,354	07/24/1973	Macomber	
	15	us- 3,788,396	01/29/1974	Shatto, Jr. et al.	
	16	us- 4,073,155	02/14/1978	Schiemichen	
	17	us- 4,083,072	04/11/1978	Ryan	
	18	us- 4,133,067	01/09/1979	Bennett et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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First Named Inventor WATCHORN, Michael J.
Art Unit 3672
Examiner Name SINGH, Sunil
Attorney Docket Number TEBL4

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		Number-Kind Code ² (if known)			
	19	us-4,162,551	07/31/1979	Serrano	
	20	us-4,169,296	10/02/1979	Wipkink et al.	
	21	us-4,222,683	09/16/1980	Schaloske et al.	
	22	us-4,285,454	08/25/1981	Plumettaz	
	23	us-4,286,346	09/01/1981	Wiek	
	24	us-4,333,196	06/08/1982	Bougaran	
	25	us-4,363,150	12/14/1982	Nilsson	
	26	us-4,366,591	01/04/1983	Zimmerman	
	27	us-4,369,538	01/25/1983	Smedal	
	28	us-4,406,094	09/27/1983	Hempel et al.	
	29	us-4,459,931	07/17/1984	Glidden	
	30	us-4,521,132	06/04/1985	Isakson et al.	
	31	us-4,590,634	05/27/1986	Williams	
	32	us-4,596,494	06/24/1986	Manesse et al.	
	33	us-4,602,697	07/29/1986	Aanensen	
	34	us-4,611,953	09/16/1986	Owens	
	35	us-4,655,641	04/07/1987	Weyler	
	36	us-4,720,214	01/19/1988	Brasted et al.	

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		Number-Kind Code ² (if known)			
	37	us-4,789,271	12/06/1988	Sullaway et al.	
	38	us-4,869,615	09/26/1989	Galle	
	39	us-4,902,169	02/20/1990	Sutton	
	40	us-4,917,540	04/17/1990	Recalde	
	41	us-5,126,134	06/30/1992	Heim et al.	
	42	us-5,893,682	04/13/1999	Oliveri	
	43	us-2001/0040031	11/15/2001	Shaaban et al.	
	44	us-6,347,424	02/19/2002	Vatne	
	45	us-6,409,428	06/25/2002	Moog	
	46	us-2002/0083881	07/04/2002	Arias	
	47	us-6,425,441	07/30/2002	Shaaban et al.	
	48	us-6,425,708	07/30/2002	Siegfriedsen	
	49	us-6,435,795	08/20/2002	Brady	
	50	us-6,439,445	08/27/2002	De Groot et al.	
	51	us-6,619,432	09/16/2003	Yasui	
	52	us-2003/0182741	10/02/2003	Prins	
	53	us-6,651,858	11/25/2003	Shen	
	54	us-2003/0217681	11/27/2003	Funk	

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First Named Inventor	WATCHORN, Michael J.
Art Unit	3672
Examiner Name	SINGH, Sunil
Attorney Docket Number	TEBL4

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		Number-Kind Code ² (if known)			
	55	us- 6,739,430	05/25/2004	Hill	
	56	us- 6,923,140	08/02/2005	Cook	
	57	us- 2005/0286979	12/29/2005	Watchorn	
	58	us- 2005/0179019	08/18/2005	Ellingson	
	59	us- 7,021,510	04/04/2006	Ellingson	
	60	us- 7,025,332	04/11/2006	Rincoe	
	61	us- 2006/0153644	07/13/2006	Grinsted	
	62	us- 2006/0208245	09/21/2006	Diehl	
	63	us- 7,178,708	02/20/2007	Grinsted	
	64	us- 7,377,412	05/27/2008	Grinsted	
	65	us- 2007/0119896	05/31/2007	Grinsted	
	66	us- 2008/0145149	06/19/2008	Grinsted et al.	
	67	us- 2008/0229524	09/25/2008	Watchorn et al.	
	68	us- 2008/0301888	12/11/2008	Watchorn et al.	
	69	us- 2009/0028647	01/29/2009	Bingham et al.	
	70	us- 1,378,948	05/24/1921	Hage	
	71	us- 2004/0045226	03/11/2004	Dehlsen et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	73	DE 597543	05/26/1934	Toussaint et al.		
	74	CH 241601	03/31/1946	Desmeules Freres		
	75	CH 363463	07/31/1962	Andersson		
	76	SU 610718 (plus Description of Invention)	06/15/1978	M.V. Frunze Rubber Technical Articles Factory (Ufa)		
	77	GB 2033463	05/21/1980	FMC Corporation		

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Application Number

10/549.948

Filing Date

09/20/2005

First Named Inventor

WATCHORN, Michael J.

Art Unit

3672

Examiner Name _____

SINGH, Sunil

Attorney Docket Number

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		Country Code ³ "Number" "Kind Code" ⁶ (if known)				
	78	SU 757383	08/23/1980	Korobanov et al.		
	79	FR 2465640	03/27/1981	STE Generale de Remorquage et al.		
	80	GB 2086313	05/12/1982	Hauge		
	81	WO 85/01970	05/09/1985	Stellingsbygg A/S		
	82	GB 2158793	11/20/1985	Stellingsbygg A/S		

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		Country Code ³ "Number" "Kind Code" ⁶ (if known)				
	83	GB 2175332	11/26/1986	Fenyvesi		
	84	GB 2175860	12/10/1986	Linkleters Patent Ship Fittings Co. Ltd.		
	85	FR 2586641	03/06/1987	Roume		
	86	EP 0255191	02/03/1988	Conoco Inc.		
	87	EP 0296272	12/28/1988	Diehl		

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		Foreign Patent Document Country Code ^a Number ^a Kind Code ^b (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
	88	GB 2225753	06/13/1990	Offshore Design Engineering Ltd.		
	89	GB 2246992	02/19/1992	Cundall		
	90	EP 0524648	01/27/1993	Hydra-Rig, Inc.		
	91	WO 95/14605	06/01/1995	Liferaft Systems Australia PTY, Ltd.		
	92	WO/97/29946	08/21/1997	Koppermaes A.S.		

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		Country Code ² *Number ³ *Kind Code ⁴ (if known)				
	93	DE 19607972	01/15/1998	Gebr. Strab GmbH & Co.		
	94	WO 02/20343	03/14/2002	P & R Systems		
	95	WO 02/48547	06/20/2002	Mammoet Marine B.V.I.O.		
	96	NL 1019706	07/09/2003	Hooch Watersport V.o.f. te Hunsel		
	97	WO 03/66426	08/14/2003	MPU Enterprise AS		

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	98	WO 03/66427	08/14/2003	Fred. Olsen Renewables Ltd.		
	99	WO 04/38108	05/06/2004	The Engineering Business Ltd.		
	100	WO 04/40182	05/13/2004	The Engineering Business Ltd.		
	101	NL 1023142	10/13/2004	Ingenieursburo Praxis B.V. te Velsenbroek		
	102	JP 2005069025 (plus Abstract)	03/17/2005	Mitsui Eng & Shipbuilding Co. Ltd.		

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PTO/SB/08a (02-09)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/549,948
Filing Date	09/20/2005
First Named Inventor	WATCHORN, Michael J.
Art Unit	3672
Examiner Name	SINGH, Sunil
Attorney Docket Number	TEBL4

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U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† ²
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	103	WO 05/47097	05/26/2005	The Engineering Business Ltd.		
	104	JP 2006037397(plus Abstract)	02/09/2006	Kinsho Bussan KK et al.		
	105	WO 06/76920	07/27/2006	A2Sea A/S		
	106	WO 06/87540	08/24/2006	The Engineering Business Ltd.		
	107	WO 07/15079	02/08/2007	The Engineering Business Ltd.		

Examiner Signature		Date Considered	
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Complete if Known

(Use as many sheets as necessary)

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of 12

Application Number	10/549,948
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Filing Date	09/20/2005
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First Named Inventor	WATCHORN, Michael J.
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Art Unit	3672
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Examiner Name	SINGH, Sunil
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Attorney Docket Number	TEBL4
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[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ "Number" "Kind Code" ⁴ (if known)				
	108	WO 07/91042	08/16/2007	The Engineering Business Ltd.		

Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	10/549,948
Filing Date	09/20/2005
First Named Inventor	WATCHORN, Michael J.
Art Unit	3672
Examiner Name	SINGH, Sunil
Attorney Docket Number	TEBL4

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of

12

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†2
	109	Great Britain Search Report for Application No. GB 0224656.9 Dated November 22, 2002	
	110	Great Britain Search Report for Application No. GB 0225496.9 Dated April 28, 2003	
	111	International Search Report for PCT Application No. PCT/GB03/04529 Dated February 11, 2004	
	112	International Search Report for PCT Application No. PCT/GB03/04697 Dated April 22, 2004	
	113	Great Britain Search Report for Application No. GB 0403362.7 Dated June 29, 2004	
	114	International Search Report for PCT Application No. PCT/GB04/04716 Dated February 23, 2005	
	115	International Search Report for PCT Application No. PCT/GB05/03010 Dated November 22, 2005	
	116	International Search Report and Written Opinion for PCT Application No. PCT/GB06/00525 Dated May 19, 2006	
	117	International Search Report and Written Opinion for PCT Application No. PCT/GB06/02860 Dated October 26, 2006	
	118	International Search Report and Written Opinion for PCT Application No. PCT/GB07/00400 Dated June 11, 2007	

Examiner Signature	/Sunil Singh/	Date Considered	06/28/2010
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